



IFWO

RAW SEQUENCE LISTING

DATE: 10/04/2004

PATENT APPLICATION: US/10/733,855

TIME: 15:44:10

Input Set : A:\MIT109.ST25.txt

Output Set: N:\CRF4\10042004\J733855.raw



```

3 <110> APPLICANT: CARR, Peter A.
4     CHOW, Brian Y.
5     JACOBSEN, Joseph M.
7 <120> TITLE OF INVENTION: METHODS FOR HIGH FIDELITY PRODUCTION OF LONG NUCLEIC ACID
8     MOLECULES
10 <130> FILE REFERENCE: 034474-0109
12 <140> CURRENT APPLICATION NUMBER: US 10/733,855
13 <141> CURRENT FILING DATE: 2003-12-10
15 <150> PRIOR APPLICATION NUMBER: US 60/432,556
16 <151> PRIOR FILING DATE: 2002-12-10
18 <160> NUMBER OF SEQ ID NOS: 14
20 <170> SOFTWARE: PatentIn version 3.2
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 13
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Synthetic oligonucleotide
30 <400> SEQUENCE: 1
31 atcggatcca ttt
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 14
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Synthetic oligonucleotide
42 <400> SEQUENCE: 2
43 atcggatcca ttta
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 11
48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Synthetic oligonucleotide
54 <400> SEQUENCE: 3
55 atcggatcca t
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 12
60 <212> TYPE: DNA
61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Synthetic oligonucleotide
66 <400> SEQUENCE: 4

```

13

14

11

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/733,855

DATE: 10/04/2004

TIME: 15:44:10

Input Set : A:\MIT109.ST25.txt

Output Set: N:\CRF4\10042004\J733855.raw

67 atcggatcca tt	12
70 <210> SEQ ID NO: 5	
71 <211> LENGTH: 14	
72 <212> TYPE: DNA	
73 <213> ORGANISM: Artificial Sequence	
75 <220> FEATURE:	
76 <223> OTHER INFORMATION: Synthetic oligonucleotide	
78 <400> SEQUENCE: 5	
79 aaaatggatc cgat	14
82 <210> SEQ ID NO: 6	
83 <211> LENGTH: 19	
84 <212> TYPE: DNA	
85 <213> ORGANISM: Artificial Sequence	
87 <220> FEATURE:	
88 <223> OTHER INFORMATION: Synthetic oligonucleotide	
90 <400> SEQUENCE: 6	
91 atcggatcca tttaccagg	19
94 <210> SEQ ID NO: 7	
95 <211> LENGTH: 19	
96 <212> TYPE: DNA	
97 <213> ORGANISM: Artificial Sequence	
99 <220> FEATURE:	
100 <223> OTHER INFORMATION: Synthetic oligonucleotide	
102 <400> SEQUENCE: 7	
103 cctggtaaatt ggatccgat	19
106 <210> SEQ ID NO: 8	
107 <211> LENGTH: 14	
108 <212> TYPE: DNA	
109 <213> ORGANISM: Artificial Sequence	
111 <220> FEATURE:	
112 <223> OTHER INFORMATION: Synthetic oligonucleotide	
114 <400> SEQUENCE: 8	
115 taaatggatc cgat	14
118 <210> SEQ ID NO: 9	
119 <211> LENGTH: 14	
120 <212> TYPE: DNA	
121 <213> ORGANISM: Artificial Sequence	
123 <220> FEATURE:	
124 <223> OTHER INFORMATION: Synthetic oligonucleotide	
126 <400> SEQUENCE: 9	
127 taacctgggtt acct	14
130 <210> SEQ ID NO: 10	
131 <211> LENGTH: 20	
132 <212> TYPE: DNA	
133 <213> ORGANISM: Artificial Sequence	
135 <220> FEATURE:	
136 <223> OTHER INFORMATION: Synthetic oligonucleotide	
138 <400> SEQUENCE: 10	
139 accaggtaac ctggttaacct	20

RAW SEQUENCE LISTING

DATE: 10/04/2004

PATENT APPLICATION: US/10/733,855

TIME: 15:44:10

Input Set : A:\MIT109.ST25.txt

Output Set: N:\CRF4\10042004\J733855.raw

```

142 <210> SEQ ID NO: 11
143 <211> LENGTH: 10
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Synthetic oligonucleotide
150 <400> SEQUENCE: 11
151 atcggatcca 10
154 <210> SEQ ID NO: 12
155 <211> LENGTH: 13
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Synthetic oligonucleotide
162 <400> SEQUENCE: 12
163 ggttggatcc gat 13
166 <210> SEQ ID NO: 13
167 <211> LENGTH: 43
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Synthetic oligonucleotide
174 <400> SEQUENCE: 13
175 atcggatcca accaggtaac ctggttacct ggttggatcc gat 43
178 <210> SEQ ID NO: 14
179 <211> LENGTH: 16
180 <212> TYPE: DNA
181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Synthetic oligonucleotide
186 <400> SEQUENCE: 14
187 atcggatcca accagg 16

```

VERIFICATION SUMMARY

DATE: 10/04/2004

PATENT APPLICATION: US/10/733,855

TIME: 15:44:11

Input Set : A:\MIT109.ST25.txt

Output Set: N:\CRF4\10042004\J733855.raw